

Converting Colors

$Y_{xy}(28.7341, 0.3644, 0.3440)$

Have a look what the booklet for
Yxy(28.7341, 0.3644, 0.3440)
contains.

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Color

Yxy(28.7341, 0.3644, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	AE8A80
RGB	174, 138, 128
RGB Percent	68%, 54%, 50%
CMY	0.3177, 0.4588, 0.4981
CMYK	0.00, 0.21, 0.26, 0.32
HSL	13°, 22%, 59%
HSV	13°, 26%, 68%
XYZ	30.4381, 28.7341, 24.3572
YIQ	147.6240, 24.6660, 4.5220

Conversions

Conversions Part 2

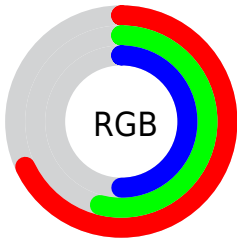
Format	Color
RYB	174, 141, 128
Decimal	11438720
CIELab	60.55, 12.14, 10.57
CIELCh	61, 16.095, 41.035
Yxy	28.7341, 0.3644, 0.3440
Android (android.graphics.Color)	4289628800 (0xFFAE8A80)
YUV	147.6240, -9.6746, 23.1318
Hunter-Lab	53.6042, 7.5504, 10.5822

Details

The Yxy color $28.7341, 0.3644, 0.3440$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $34.1821, 0.2733, 0.3134$, and the grayscale version is $29.4829, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.8585, 0.3531, 0.3415$, and $11.6089, 0.3833, 0.3480$ is the 20% darker color. If you saturate the color by 10%, you get $24.6526, 0.3913, 0.3500$, and if you desaturate by 10%, it is $33.3861, 0.3419, 0.3381$.

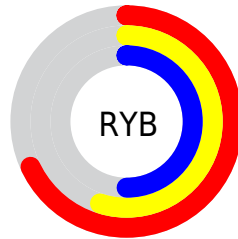
Distribution



Red (68%)

Green (54%)

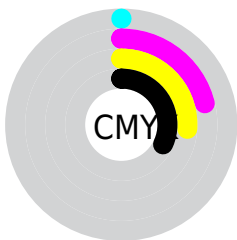
Blue (50%)



Red (68%)

Yellow (55%)

Blue (50%)

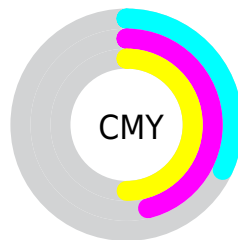


Cyan (0%)

Magenta (21%)

Yellow (26%)

Black (32%)



Cyan (32%)


Magenta (46%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7341, 0.3644, 0.3440 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 28.7341, 0.3644, 0.3440 by changing the saturation by 10% instead.


 28.7341, 0.3644,
0.3440


 28.7341, 0.3644,
0.3440


295.9583, 0.3363,
0.3364

 18.8798, 0.3723,
0.3459


 57.6544, 0.3536,
0.3412

 11.5834, 0.3830,
0.3483


 77.4891, 0.3497,
0.3402

 6.4607, 0.3983,
0.3513


 101.4193, 0.3465,
0.3393

 3.1272, 0.4218,
0.3552

129.8296, 0.3438,
0.3386

 1.1985, 0.4711,
0.3662

163.1042, 0.3415,
0.3379

 0.0605, 0.8540,
0.1460

201.6276, 0.3395,

 0.0000, 0.0000,

0.3374

0.0000

245.7842, 0.3378,
0.3369

■ 28.7341, 0.3644,
0.3440

■ 28.7341, 0.3644,
0.3440

■ 24.6526, 0.3913,
0.3500

■ 33.3861, 0.3419,
0.3381

■ 21.1155, 0.4228,
0.3557

■ 38.6254, 0.3231,
0.3324

■ 18.1006, 0.4588,
0.3604

■ 44.4730, 0.3075,
0.3272

■ 15.5829, 0.4982,
0.3634

■ 50.9478, 0.2945,
0.3224

■ 13.5347, 0.5383,
0.3635

■ 58.0677, 0.2836,
0.3180

■ 11.9260, 0.5752,
0.3602

■ 65.8501, 0.2745,
0.3140

■ 10.7216, 0.6045,
0.3533

■ 74.3115, 0.2668,
0.3104

■ 10.3790, 0.6136,
0.3510

■ 82.6587, 0.2660,
0.3200

■ 87.7379, 0.2671,
0.3289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.7341, 0.3519, 0.3218



28.7341, 0.3644, 0.3440



28.7341, 0.3623, 0.3636

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.7341, 0.3644, 0.3440



28.7341, 0.2957, 0.3585



28.7341, 0.2788, 0.2852

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



28.7341, 0.3644, 0.3440



34.1821, 0.2733, 0.3134

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



28.7341, 0.2652, 0.2927



28.7341, 0.3644, 0.3440



28.7341, 0.2746, 0.3348

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.7341, 0.3644, 0.3440



28.7341, 0.3220, 0.3735



28.7341, 0.2637, 0.3104



28.7341, 0.3017, 0.2888

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.7341, 0.3644, 0.3440



28.7341, 0.3530, 0.3724



28.7341, 0.2637, 0.3104



28.7341, 0.2730, 0.2865

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



28.7354, 0.3644, 0.3440



68.3793, 0.3260, 0.3334



27.1125, 0.3263, 0.2776



14.8746, 0.3287, 0.3342



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.7354, 0.3644, 0.3440



47.4738, 0.3803, 0.3477



36.0305, 0.3562, 0.3765



8.2879, 0.3281, 0.3340



7.6028, 0.6118, 0.3524



0.2901, 0.5559, 0.3968

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



34.1821, 0.2733, 0.3134



59.0948, 0.2647, 0.3093



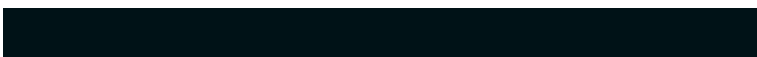
26.6985, 0.2699, 0.2764



8.7714, 0.2986, 0.3239



15.0938, 0.2051, 0.2585



0.4926, 0.2117, 0.2822

Previews

White Background



This preview shows how the Yxy color 28.7341, 0.3644, 0.3440 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 28.7341, 0.3644, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

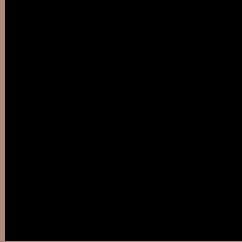
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.7341, 0.3644, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 28.7341, 0.3644, 0.3440.



This preview shows how white text looks on a background with the Yxy color 28.7341, 0.3644, 0.3440.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

28.7341, 0.3644, 0.3440

Protanopia

28.8991, 0.3330, 0.3513

Deuteranopia

28.7975, 0.3564, 0.3504



Tritanopia

28.6334, 0.3473, 0.3131

Trichromacy



Original Color

28.7341, 0.3644, 0.3440

Protanomaly

28.7572, 0.3436, 0.3477

Deuteranomaly

28.8345, 0.3602, 0.3487

Tritanomaly

28.5864, 0.3538, 0.3247

Monochromacy



Original Color

28.7341, 0.3644, 0.3440

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.0377, 0.3297, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7341, 0.3644, 0.3440 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(174, 138, 128)` looks like.

```
.text, #text, p{  
    color:rgb(174, 138, 128)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(174, 138, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 138, 128) }
```

Border

The CSS property to change the border of an element to Yxy 28.7341, 0.3644, 0.3440 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 138, 128) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(174, 138, 128) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(174, 138, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 138, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 138, 128);  
box-shadow:4px 4px 4px 4px rgb(174, 138,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7341, 0.3644, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 138, 128) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(174,  
138, 128) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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